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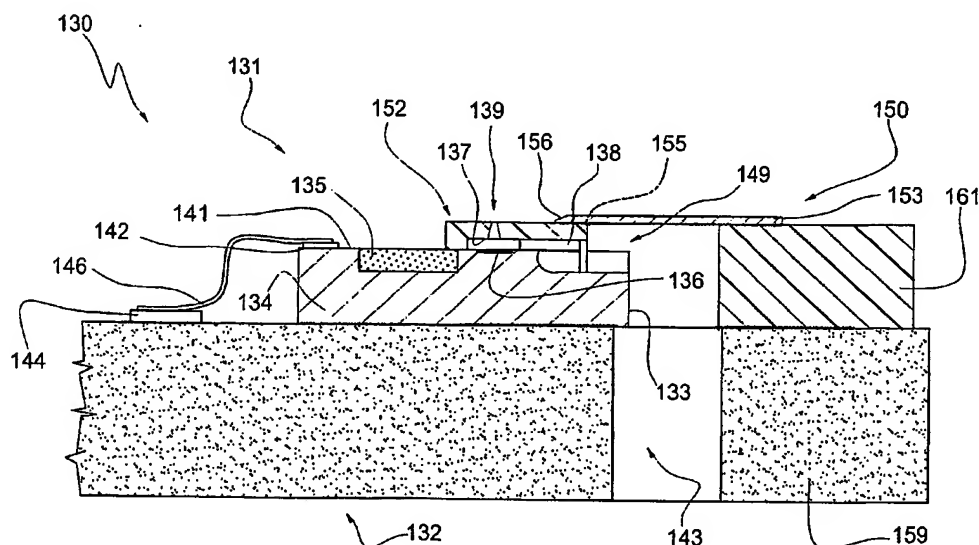
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(54) Title: INK JET PRINthead AND ITS MANUFACTURING PROCESS



(57) Abstract: Ink jet printhead (130) comprising one or more ejection modules (131), each with a silicon chip (134), a plurality of ejector nozzles (139) arranged adjacent to a front (133) of the module, ejection cells (137) for the nozzles and delivery channels (138) for the ink of the cells (137). The module or modules each include a distribution channel (149) adjacent to the front (133) and in fluid communication with the delivery channels (138) and a nozzle layer (152) integrated with the relative chip (134) and in which the ejector nozzles (139) parallel to the front are made. The head (130) also comprises a support (132) on which the module or modules (131) are mounted and which defines a feeding duct (143) for the ink in fluid communication with the delivery channels (138) and sealing means (150) between the module or modules and the support to guarantee fluid tightness between the feeding duct (143) and the ejection cells (139).

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